Table 12
Finding of Suitability for Early Transfer
Summary of Risk Assessment of CERFA Parcels
Fort McClellan, Alabama

Parcel No.	Site Name	Human Health Risk Assessment	Ecological Risk Assessment
17(4)	UST Building 1696 Motor Pool 1600	Metals and PAHs were detected in soils exceeding SSSLs. The metals were below or within background concentrations. PAH compounds are believed to be related to anthropogenic activities and not related to operations conducted at the site.	Metals and PAHs were detected in surface/depositional soils and sediments at concentrations exceeding ESVs. However, the potential impact to ecological receptors is expected to be minimal, based on the existing viable habitat and site conditions.
18(3)	UST Building 1697 Motor Pool 1600	Metals and PAHs were detected in soils exceeding SSSLs. The metals were below or within background concentrations. PAH compounds are believed to be related to anthropogenic activities and not related to operations conducted at the site.	Metals and PAHs were detected in surface/depositional soils and sediments at concentrations exceeding ESVs. However, the potential impact to ecological receptors is expected to be minimal, based on the existing viable habitat and site conditions.
19(3)	Former Gas Station, Building 1694 Motor Pool 1600	Metals and PAHs were detected in soils exceeding SSSLs. The metals were below or within background concentrations. PAH compounds are believed to be related to anthropogenic activities and not related to operations conducted at the site.	Metals and PAHs were detected in surface/depositional soils and sediments at concentrations exceeding ESVs. However, the potential impact to ecological receptors is expected to be minimal, based on the existing viable habitat and site conditions.
21(7)	Base Service Station, Building 2109	One PAH compound exceeded SSSL at only one location in soil. Benzene exceeded its SSSL and marginally exceeded the drinking water MCL.	
22(7)	Base Service Station, Building 2109	One PAH compound exceeded SSSL at only one location in soil. Benzene exceeded its SSSL and marginally exceeded the drinking water MCL.	
24(7)	UST Building 3138/Motor Pool Area 3100	Benzene exceeded its SSSL. The source of benzene has been removed.	Potential impacts to ecological receptors are expected to be minimal because most of the area is covered with buildings and concrete and asphalt pavement and does not provide ecological habitat. The projected mixed business reuse of the site will also likely preclude development of ecological habitat in the future.
25(7)	UST Building 3138/Motor Pool Area 3100	Benzene exceeded its SSSL. The source of benzene has been removed.	Potential impacts to ecological receptors are expected to be minimal because most of the area is covered with buildings and concrete and asphalt pavement and does not provide ecological habitat. The projected mixed business reuse of the site will also likely preclude development of ecological habitat in the future.
43(4)	Former Building 796		

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66(7)	Former Small Weapons Repair Shop, Building 335	The SRA concluded that the concentration of chlorinated solvents in groundwater presents an unacceptable risk to human health. The risk is not realized unless the water is developed as a portable water source.	One pesticide was detected in one surface soil sample exceeding its ESV slightly. The SLERA concluded that none of the constituents of potential ecological concern presents a threat to terrestrial ecosystems at the site
71(3)	Building 1643 Washrack	Metals and PAHs were detected in soils exceeding SSSLs. The metals were below or within background concentrations. PAH compounds are believed to be related to anthropogenic activities and not related to operations conducted at the site.	Metals and PAHs were detected in surface/depositional soils and sediments at concentrations exceeding ESVs. However, the potential impact to ecological receptors is expected to be minimal, based on the existing viable habitat and site conditions.
73(7)	Building 3142, Washrack	Benzene exceeded its SSSL. The source of benzene has been removed.	Potential impacts to ecological receptors are expected to be minimal because most of the area is covered with buildings and concrete and asphalt pavement and does not provide ecological habitat. The projected mixed business reuse of the site will also likely preclude development of ecological habitat in the future.
78(6)	Landfill No. 1	The SRA concluded that the site presents no unacceptable human health risks under CERCLA.	The SLERA concluded that the site presents no unacceptable or ecological risks under CERCLA.
79(6)	Landfill No. 2	The SRA concluded that metals and SVOCs in surface soil posed unacceptable risks to a potential resident but do not pose an unacceptable risk or hazard should the site be used for passive recreation as currently anticipated.	Metals and SVOCs exceeded ESVs in surface soil. The SLERA concluded that metals and SVOCs in surface soil posed potential risks for ecological receptors.
80(6)	Landfill No. 3	The SRA concluded that exposure to surface soil (metals) and groundwater (VOCs) present unacceptable risks to a potential resident but presents no unacceptable human health to the recreational site user.	The following constituents exceeded ESVs in the below listed site media: Surface soil: metals, pesticides, SVOCs Surface water: metals Sediment: metals, SVOCs, pesticides None of the constituents in site media present risks to ecological receptors.
81(5)	Landfill No. 4	The SRA concluded that the site presents no unacceptable human health risk.	The SLERA concluded that the site presents no unacceptable risk to ecological receptors.
93(7)	Former Decontamination Complex, Building 1271	Investigations are currently underway.	Investigations are currently underway.

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Parcel No.	Site Name	Human Health Risk Assessment	Ecological Risk Assessment
94(7)	Former Chemical Laundry & Former Motor Pool Areas 1400 and 1500	A SRA concluded that the site presents no risk to a recreational site user, construction worker or groundskeeper. Vinyl chloride and TCE in groundwater, however, may pose potential risk to a resident only if groundwater is developed as a potable source.	The SLERA concluded that the site presents no unacceptable risk to ecological receptors.
105(3)	Former Smoke Area R, Central Main Post	The SRA concluded that the site presents no unacceptable human health risk.	Based on the small size of the parcel, only limited ecological habitat may be present within the parcel boundary. Therefore the potential threat to ecological receptors is expected to be very low.
106(3)	Former Smoke Area S, Central Main Post	The SRA concluded that the site presents no unacceptable human health risk.	The low levels and limited distribution of the VOCs and SVOCs detected are not expected to pose a substantial threat to ecological receptors.
122(3)	Former Fog Oil Storage Area Main Post	The SRA concluded that the site presents no unacceptable human health risk.	The SLERA concluded that the site presents no unacceptable risk to ecological receptors.
124(3)	Former Smoke Area BVZ, Main Post	The SRA concluded that the site presents no unacceptable human health risk.	The SLERA concluded that the site presents no unacceptable risk to ecological receptors.
126(7)	Former Post Garbage Dump	The SRA concluded that the site presents no unacceptable human health risk.	The following constituents exceeded ESVs in the below listed site media: Surface soil: metals, pesticides Surface water: metals Sediment: metals The SLERA concluded that surface soils and surface water may pose potential risks to ecological receptors.
127(7)	Washrack/Grease rack, Building 1740 Soldiers Chapel	Metals were detected at levels exceeding SSSLs in soils. An interim soil removal was performed on areas of contaminated soil. The PRA concluded that the presence of VOCs detected in groundwater is unlikely to cause adverse human health if groundwater is developed as a source of potable water.	Surface soil sample locations with metals results exceeding ESVs and background were excavated during the soil removal activities. The site is located within the developed portion of the Main Post and is projected for mixed business reuse. The site does not support significant ecological habitat in its current state or in the projected reuse scenario. Therefore, the potential threat to ecological receptors is expected to be very low.
132(7)	Former Gas Station at Building 1594		

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Parcel No.	Site Name	Human Health Risk Assessment	Ecological Risk Assessment
133(7)	Former Gas Station at Area 14, Building 1494		
134(7)	Former Gas Station at Area 15, Building 1594A		
140(7)	Former Gas Station at Building 1294	Investigations are currently underway.	Investigations are currently underway.
146(7)	Motor Pool Area 3100	Benzene exceeded its SSSL. The source of benzene has been removed.	Potential impacts to ecological receptors are expected to be minimal because most of the area is covered with buildings and concrete and asphalt pavement and does not provide ecological habitat. The projected mixed business reuse of the site will also likely preclude development of ecological habitat in the future.
147(3)	Motor Pool at Area 3100, South of 23rd Street	The metals and PAHs that exceeded residential human health SSSLs were below their respective background concentrations or within the range of background values.	Based on the low levels and limited spatial distribution of the metals and SVOCs detected at the site, the potential threat to ecological receptors is expected to be low.
155(7)	Ground Scar with Small Pit north of Landfill No. 3	One pesticide exceeded its SSSL in one groundwater sample. The pesticide concentration was below established EPA health advisory values. Based on its low estimated concentration and limited distribution at the site, it is concluded that exposure to the pesticide in groundwater does not represent an unacceptable human health risk.	Two VOCs and two herbicides exceeded ESVs in surface soil. These compounds were either estimated close to their reporting limits and/ or were within the same order of magnitude as their ESVs. Therefore, these compounds are not expected to pose a significant threat to ecological receptors.
157(3)	Ground Scar South of the Autocraft Shop	Metals exceeded SSSLs in soil and groundwater; however, the concentrations were below background values. One PAH compound was detected above SSSL; however, the result was below background.	Metals exceeded ESVs in surface soil. The concentrations were below background excerpt for beryllium, copper, and selenium. These metals' results were attributed to variations in naturally occurring background levels. Three PAH compounds were detected above ESVs in one surface soil but were below background.
161(1)	CERFA Parcel, Main Post		
163(3)	Motor Pool Area 1600	Metals and PAHs were detected in soils exceeding SSSLs. The metals were below or within background concentrations. PAH compounds are believed to be related to anthropogenic activities and not related to operations conducted at the site.	Metals and PAHs were detected in surface/depositional soils and sediments at concentrations exceeding ESVs. However, the potential impact to ecological receptors is expected to be minimal, based on the existing viable habitat and site conditions.

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Parcel No.	Site Name	Human Health Risk Assessment	Ecological Risk Assessment
175(5)	Industrial Landfill	The SRA concluded that the site presents no unacceptable human health risk.	The SLERA concluded that the site presents no unacceptable risk to ecological receptors.
177(3)	Range 16 AST	The SRA concluded that the site presents no unacceptable human health risk.	Two PAHs were detected in surface soil sample at concentrations exceeding ESVs. The surface soil sample was collected from a visibly stained area under the former location of the tank valve, which was documented to have leaked. Thus the biased sample location is expected to represent the worst case scenario of contamination at the site. Further the horizontal and vertical extent of contamination is very small. Consequently, the potential impact to ecological receptors is expected to be negligible.
180(7)	Former Detection and Identification Area	Investigations are currently underway.	Investigations are currently underway.
181(7)	Training Area T-4: Former Biological Simulant Test Area	Investigations are currently underway.	Investigations are currently underway.
182(7)	Training Area T-5	Investigations are currently underway.	Investigations are currently underway.
183(6)	Training Area T-6	Investigations are currently underway.	Investigations are currently underway.
184(7)	Training Area T-31	Investigations are currently underway.	Investigations are currently underway.
185(7)	Training Area T-31.	Investigations are currently underway.	Investigations are currently underway.
186(6)	Training Area T-38	Investigations are currently underway.	Investigations are currently underway.
188(7)	Old Toxic Training Area	The PRA concluded that exposure to site media does not pose an unacceptable risk for the resident.	The PERA concluded that a localized area of surface soil is contaminated with VOCs that may adversely affect some species with small home ranges living or feeding in the vicinity of the soil contamination. The larger animals with relatively large home ranges should not be adversely affected by the localized area of contamination.
194(7)	Former Weapons Demonstration	Investigations are currently underway.	Investigations are currently underway.

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	Area		
197(3)	Ammunition Supply Point	The metals that exceeded their SSSLs, with a few exceptions, were below their respective background concentration or within the range of background values, and thus do not pose an unacceptable risk to future human receptors. One nitro-explosive was detected in a groundwater sample at a concentration marginally exceeding the SSSL.	Metals, SVOCs and pesticides were detected in surface and depositional soils at concentrations exceeding ESVs and background concentrations. The site is a fenced-in, well-developed area consisting of buildings and paved roads, and is projected for use as an industrial/passive recreation area. Based on the low levels and limited spatial distribution of the metals and chemical compounds detected, the threat to ecological receptors is expected to be low.
212(7)	UST Building 3138, Motor Pool	Benzene exceeded its SSSL. The source of benzene has been removed.	Potential impacts to ecological receptors are expected to be minimal because most of the area is covered with buildings and concrete and asphalt pavement and does not provide ecological habitat. The projected mixed business reuse of the site will also likely preclude development of ecological habitat in the future.
227(7)	Fill Area, East of Reilly Air Field	The SRA concluded that the site presents no unacceptable human health risk.	The following constituents exceeded ESVs in the below listed site media: Surface soil: metals, pesticides Surface water: metals Sediment: metals The SLERA concluded that surface soils and surface water may pose potential risks to ecological receptors.
229(7)	Fill Area NW of Reilly Air Field	The SRA concluded that naphthalene in groundwater developed as a potable source poses a non-cancer risk to humans.	The SLERA concluded that metals in surface water may pose potential risks to ecological receptors.
230(7)	Fill Area North of Landfill No. 2	The SRA concluded that the site presents no unacceptable human health risks under CERCLA.	The following constituents exceeded ESVs in the below listed site media: Surface soil: metals, pesticides, VOCs Surface water: metals, SVOCs Sediment: metals, SVOCs The SLERA concluded that metals, pesticides and SVOCs in surface soils, surface water and sediments may pose potential risks to ecological

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Parcel No.	Site Name	Human Health Risk Assessment	Ecological Risk Assessment
			receptors.
231(7)	Fill Area at Range 30	The SRA concluded that the site presents no unacceptable human health risks under CERCLA.	The following constituents exceeded ESVs in the below listed site media: Surface soil: metals, pesticides, SVOCs Surface water: metals Seep water: metals and SVOCs The SLERA concluded that COPECs may pose a risk to ecological receptors.
234(1)	Trenches at Range 19		
500(3)	Trenches West of Iron Mountain Road	Metals that exceeded SSSLs were below or within their respective background values and thus do not pose an unacceptable risk to future human receptors.	Based on the low levels of metals, VOCs, and SVOCs detected, the potential threat to ecological receptors is expected to be very low.
503(3)	Suspect UST at Building 1689 Motor Pool Area 1600	Metals and PAHs were detected in soils exceeding SSSLs. The metals were below or within background concentrations. PAH compounds are believed to be related to anthropogenic activities and not related to operations conducted at the site.	Metals and PAHs were detected in surface/depositional soils and sediments at concentrations exceeding ESVs. However, the potential impact to ecological receptors is expected to be minimal, based on the existing viable habitat and site conditions.
504(4)	UST Building 1693 Motor Pool Area 1600	Metals and PAHs were detected in soils exceeding SSSLs. The metals were below or within background concentrations. PAH compounds are believed to be related to anthropogenic activities and not related to operations conducted at the site.	Metals and PAHs were detected in surface/depositional soils and sediments at concentrations exceeding ESVs. However, the potential impact to ecological receptors is expected to be minimal, based on the existing viable habitat and site conditions.
510(7)	Cane Creek Training Area	Investigations are currently underway.	Investigations are currently underway.
511(7)	Blacktop Training Area	Investigations are currently underway.	Investigations are currently underway.
512(7)	Fenced Yard in Blacktop Training Area	Investigations are currently underway.	Investigations are currently underway.
513(7)	Dog Training Area	Investigations are currently underway.	Investigations are currently underway.
514(7)	Old Burn Pit	Investigations are currently underway.	Investigations are currently underway.
516(7)	Dog Kennel Area	Investigations are currently underway.	Investigations are currently underway.

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517(7)	CBR Proficiency Area	Investigations are currently underway.	Investigations are currently underway.
518(7)	Ranges West of Iron Mountain Road – South Gate Toxic Yard	Investigations are currently underway.	Investigations are currently underway.